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B. Hamilton

Patent Assignee: ALPINE ENG PROD (US)
 Author (Inventor): SHAMBLIN WAYNE A (US)
 Priority (No,Kind,Date): WO 96US16744 W 19961018; US 552194 A 19951102
 Applic (No,Kind,Date): EP 96936707 A 19961018
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 Derwent WPI Acc No: * G 97-271935
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 EUROPEAN PATENT OFFICE (EP)
 Legal Status (No,Type,Date,Code,Text):
 EP 865341 P 19951102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
 US 552194 A 19951102
 EP 865341 P 19961018 EP AA PCT-APPLICATION (PCT-ANMELDUNG)
 WO 96US16744 W 19961018
 EP 865341 P 19961018 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
 EP 96936707 A 19961018
 EP 865341 P 19980923 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
 BE DE FI FR GB SE
 EP 865341 P 19980923 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
 EP 865341 P 19980923 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 980528
 EP 865341 P 20001004 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
 BE DE FI FR GB SE
 EP 865341 P 20001004 EP A4 SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT) 20000818
 EP 865341 P 20001004 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))
 7B 23P 11/00 A, 7B 30B 3/02 B, 7B 27F 7/15 B

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5768769 A 19980623
 PARALLEL ADJUSTABLE GANTRY TRUSS PLATE PRESS (English)
 Patent Assignee: SHAMBLIN WAYNE A (US)
 Author (Inventor): SHAMBLIN WAYNE A (US)
 Priority (No,Kind,Date): US 552194 A 19951102
 Applic (No,Kind,Date): US 552194 A 19951102
 National Class: * 029798000; 100210000; 100913000
 IPC: * B23P-019/00
 Derwent WPI Acc No: * G 97-271935
 Language of Document: English
 Patent (No,Kind,Date): US 5933958 A 19990810
 GANTRY PRESS HEIGHT ADJUSTMENT METHOD (English)
 Patent Assignee: ALPINE ENG PROD (US)
 Author (Inventor): SHAMBLIN WAYNE A (US)
 Priority (No,Kind,Date): US 51322 A 19980409; US 552194 A1 19951102; WO 96US16744 W 19961018
 Applic (No,Kind,Date): US 51322 A 19980409
 Addnl Info: 5768769 Patented
 National Class: * 029897310; 029432000; 029798000; 100210000
 IPC: * B23P-011/00
 Derwent WPI Acc No: * G 97-271935
 Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):
 US 5768769 P 19951102 US AE APPLICATION DATA (PATENT) (APPL. DATA (PATENT))

US 5768769 P 19951102 US AS02 19951102 ASSIGNMENT OF ASSIGNOR'S INTEREST
ALPINE ENGINEERED PRODUCTS, INC. 1200 PARK
CENTRAL BLVD. SOUTH POMPANO BEACH, FL ;
SHAMBLIN, WAYNE A. : 19951102

US 5768769 P 19980623 US A PATENT

US 5768769 P 20000815 US RF REISSUE APPLICATION FILED
(REISSUE APPL. FILED)
20000623

US 5933958 P 19951102 US AA PRIORITY

US 5933958 P 19961018 US AA A1 19951102 PCT-APPLICATION (PCT-APPL.)

US 5933958 P 19980409 US AE 19961018 APPLICATION DATA (PATENT)
(APPL. DATA (PATENT))

US 5933958 P 19990810 US A 19980409 PATENT

US 5933958 P 20000229 US CC CERTIFICATE OF CORRECTION

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9716280 A1 19970509

GANTRY PRESS WITH PRESS ROLL HEIGHT ADJUSTMENT (English)

Patent Assignee: ALPINE ENG PROD (US); SHAMBLIN WAYNE A (US)

Author (Inventor): SHAMBLIN WAYNE A (US)

Priority (No,Kind,Date): US 552194 A 19951102

Applic (No,Kind,Date): WO 96US16744 A 19961018

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CH; CN; CU; GZ; DE; DK; EE; ES; FI; GB; GE; HU; IL; IS; JP; KE; KG;
KP; KR; KZ; LK; LR; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL;
PT; RO; RU; SD; SE; SG; SI; SK; TJ; TM; TR; TT; UA; UG; US; UZ; VN;
AM; AZ; BY; KG; KZ; MD; RU; TJ; TM (Regional) KE; LS; MW; SD; SZ;
UG; AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT;
SE; BF; BJ; CF; CG; CI; CM; GA

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WO 9716280 P 19951102 WO AA PRIORITY (PATENT)

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WO 9716280 P 19961018 WO AE APPLICATION DATA (APPL. DATA)

WO 96US16744 A 19961018

WO 9716280 P 19970509 WO AK DESIGNATED STATES CITED IN A
PUBLISHED APPLICATION WITH SEARCH REPORT
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AL AM AT AU AZ BB BG BR BY CA CH CN CU CZ DE
DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ
LK LR LT LU LV MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ
VN AM AZ BY KG KZ MD RU TJ TM

WO 9716280 P 19970509 WO AL DESIGNATED COUNTRIES FOR
REGIONAL PATENTS CITED IN A PUBLISHED
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COUNTRIES FOR REGIONAL PATENTS CITED IN A
PUBLISHED APPL. WITH SEARCH REPORT)

WO 9716280 P 19970509 WO A1 PUBLICATION OF THE
INTERNATIONAL APPLICATION WITH THE
INTERNATIONAL SEARCH REPORT (PUB. OF THE
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WO 9716280 P 19970807 WO DFPE REQUEST FOR PRELIMINARY
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MONTH FROM PRIORITY DATE

WO 9716280 P 19970827 WO 121 EP: PCT APP. ART. 158 (1)

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WO 9716280 P 19980430 WO ENP ENTRY INTO THE NATIONAL
PHASE IN:
CA 2236709 AA
WO 9716280 P 19980903 DE 8642/REG WITHDRAWAL (ZURUECKNAHME)
WO 9716280 P 19980904 WO NENP NON-ENTRY INTO THE NATIONAL
PHASE IN:
JP 97517378

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